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ITSE 1450

Module 9 Discussion 3

In recommending codes to Madera Tools, I would focus on scalability and information richness. For customer codes, a combination of the sign-up date and a unique number, like '2023-1000', offers a chronological order and is easy to scale. Another option is an email-based code, which uses the local part of the customer's email address and a numeric suffix for differentiation, like 'john.doe-01'. This leverages information Madera already has and can help link orders and communications to the customer account.

For product codes, an SKU (Stock Keeping Unit) system based on product attributes might be beneficial. An example would be 'CHSL-06-MPL' for a 6-inch chisel made of maple. This tells Madera what the item is at a glance and aids in inventory tracking. For a more streamlined approach, especially useful for databases and less nuanced inventory systems, a UPC-like numeric code could be used, such as '855000123'. It's simple, and with barcode technology, it can make checkout and stock management highly efficient.